

## MONITORED SPECIES OF ALGAE, PLANTS AND ANIMALS AT ALMAR AVENUE

The following species of algae, plants, and animals are monitored at the Almar Avenue site. Some of the monitored species are rare or absent at Almar Avenue, but we list them on our data sheets for comparison with other sites surveyed. A few species that are not monitored, but are conspicuous and common at Almar Avenue, are also listed. Sometimes similar species or genera are so difficult to distinguish in the field that they are counted together as one entry; we use “spp.” when all the species in one genus are counted together, and we use “/” to separate two species or genera that are counted together. Common names are given when available, but many species lack common names; in some cases we have made up descriptive common names. Species marked with an asterisk (\*) are currently being monitored at the Almar Avenue site: **<sup>1</sup>counted as individuals in the 1/4m<sup>2</sup> quadrats, <sup>2</sup>counted as number of squares in the 1/4m<sup>2</sup> quadrats, <sup>3</sup>counted as individuals in a defined area.** Note: “alga,” “plant,” and “animal” are singular nouns; “algae,” “plants,” and “animals” are plural nouns; and “algal,” “plant,” and “animal” are adjectives. **Do not use “algae” as a singular noun or an adjective.**

### GREEN ALGAE/FLOWERING PLANTS

\*<sup>2</sup>*Cladophora columbiana* - green pin-cushion alga

\*<sup>2</sup>*Codium fragile* - dead man's fingers

\*<sup>2</sup>*Enteromorpha* spp./*Ulva* spp. - sea lettuces

\*<sup>2</sup>*Phyllospadix scouleri/torreyi* - surfgrasses

### BROWN ALGAE

\*<sup>1</sup>*Egregia menziesii* - feather-boa kelp

\*<sup>2</sup>*Fucus gardneri* - flattened rockweed

*Laminaria sinclarii* - slender oar kelp

*Macrocystis integrifolia* - northern giant kelp

\*<sup>2</sup>*Pelvetiopsis limitata/Silvetia compressa* - slender rockweeds

### RED ALGAE

\*<sup>2</sup>*Bossiella* spp./*Calliarthron* spp./*Corallina* spp. - upright coralline algae

*Chondracanthus canaliculata* - no common name

\*<sup>2</sup>*Endocladia muricata* - scouring-pad alga

*Gastroclonium subarticulatum* - no common name

*Mastocarpus jardinii/papillatus* - stunted turkish-towel algae

\*<sup>2</sup>*Mazzaella flaccida/splendens* - iridescent algae

*Porphyra* spp. - nori

*Prionitis lanceolata* - no common name

### ENCRUSTING ALGAE

\*<sup>2</sup>Encrusting coralline algae - *Lithophyllum* spp./*Lithothamnion* spp. and others on rocks

\*<sup>2</sup>Tar-spot algae - *Mastocarpus* spp. (encrusting form)/*Petrospongium rugosum/Ralfsia* spp. and others

### SPONGES

*Aplysilla glacialis* - pink sponge

*Axocelita/Microciona/Ophlitaspongia/Plocamia* - red sponges

*Haliclona* spp. - purple sponge

## SEA ANEMONES

- \*<sup>2</sup>*Anthopleura elegantissima* - aggregating anemone
- \*<sup>1,3</sup>*Anthopleura sola* - sunburst anemone
- \*<sup>1,3</sup>*Anthopleura xanthogrammica* - giant green anemone

## WORMS

- \*<sup>2</sup>*Phragmatopoma californica* - honeycomb tube worm

## CHITONS

- \*<sup>1</sup>*Mopalia* spp./*Nuttallina californica*/*Lepitochitona* spp. and others - chitons

## LIMPETS

- \*<sup>3</sup>*Lottia gigantea* (>2.5 cm) - owl limpet
- \*<sup>2</sup>*Lottia* spp. (0.5-2.5 cm, on rocks) - limpets

## SNAILS

- \*<sup>1</sup>*Acanthinucella* spp./*Nucella* spp. - whelks
- Littorina plena/scutulata* - checkered periwinkles
- \*<sup>1</sup>*Tegula brunnea/funebris* - turban snails

## MUSSELS

- \*<sup>2</sup>*Mytilus californianus* - California sea mussel

## BARNACLES

- \*<sup>2</sup>*Balanus glandula* and *Chthamalus dalli/fissus* - common acorn barnacles
- \*<sup>2</sup>*Pollicipes polymerus* - leaf barnacle
- \*<sup>2</sup>*Tetraclita rubescens* - pink acorn barnacle

## CRABS

- Pachygrapsus crassipes* - lined shore crab
- \*<sup>1</sup>*Pagurus* spp. - hermit crabs

## SEA STARS

- \*<sup>3</sup>*Pisaster ochraceus* - ochre sea star

## SEA URCHINS

- \*<sup>1</sup>*Strongylocentrotus purpuratus* - purple sea urchin (juveniles are green)

## TUNICATES

- Aplidium californicum* - slippery slab tunicate
- Archidistoma psammion* - sand encrusted slab tunicate
- Distalpia occidentalis* - mushroom tunicate
- Styela montereyensis* - stalked tunicate

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